Name: _____   Date: _____

FOIL and Factor pop quiz (version 1)

FOIL the expressions shown below:

1. $(x-6)(x-3)$

$$x^2 - 9x + 18$$

2. $(x+5)(x+2)$

$$x^2 + 7x + 10$$

3. $(x+1)(x-9)$

$$x^2 - 8x - 9$$

4. $(x-3)(x+1)$

$$x^2 - 2x - 3$$

5. $(x-5)(x-1)$

$$x^2 - 6x + 5$$

Factor the expressions shown below:

6. $x^2 - 10x + 25$

$(x - 5)(x - 5)$

7. $x^2 + 9x + 18$

$(x + 3)(x + 6)$

8. $x^2 - 11x + 28$

$(x - 4)(x - 7)$

9. $x^2 + 2x - 24$

$(x + 6)(x - 4)$

10. $x^2 - x - 12$

$(x - 4)(x + 3)$